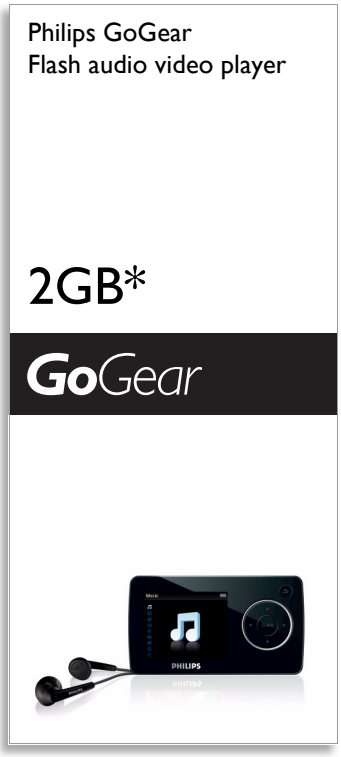
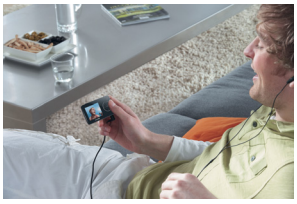


SA3228



Enjoy your videos on the move

with FullSound for superb audio quality

Indulge in the best possible audio quality with the Philips GoGear digital audio/ video player SA3228 featuring Philips' patented FullSound technology. Enjoy MP3 and WMA music and view videos on the 1.8" color screen wherever you go.

Experience music and video - anytime, anyplace

- MP3 and WMA playback
- Voice recording to take notes or record anything, anytime
- FM radio with 20 presets for more music options
- Watch your favorite movie clips on the go*
- FullSound™ to bring CD listening experience to MP3

Photos and videos at your fingertips

- 1.8" LCD color display for easy navigation and photo viewing
- Enjoy video files in 220x176 pixels resolution
- Philips Media Converter for video file and photo conversion

All your entertainment on the go

- Up to 20-hour music playback
- Fast downloads from your PC via USB 2.0*

PHILIPS

sense and simplicity

Flash audio video player
2GB*

SA3228/37

Specifications

Picture/Display
- Backlight
- Diagonal screen size (inch): 1.8 inch
- Lines of text: 5
- Resolution: 176 x 220 pixels
- Type: LCD

Sound
- Equalizer customizable
- Equalizer settings: Funk, Hip Hop, Jazz, Rock, Techno, Classical
- Frequency response: 80 - 18 000 Hz
- Output Power: 2 x 3mW
- Signal to noise ratio: > 80 dB
- Channel separation: 35 dB
- Sound Enhancement: FullSound

Audio Playback
- Compression format: MP3, WMA
- ID3 Tag support: Song title, artist, album
- MP3 bit rates: 8-320 kbps and VBR
- WMA bit rates: 5-320 kbps
- WMA sample rates: 8, 11.025, 16, 22.050, 32, 44.1, 48 kHz
- MP3 sample rates: 16, 32, 44.1, 48, 11.025, 22.050, 24, 8 kHz

Still Picture Playback
- Picture compression format: JPEG
- Slide show

Storage Media
- Built-in memory type: NAND Flash
- Mass storage class compliant
- Built-in memory capacity: 2 GB
- Music memory capacity, MP3: Up to 450 tracks*

Connectivity
- Headphone: 3.5 mm
- USB: USB 2.0

Convenience
- Battery charging indication: On User Interface
- Battery low indication
- Function: Keypad lock
- Superscroll
- Volume control
- Firmware upgradeable

Accessories
- CD-ROM: Yes , with IFU, Device Manager, Media converter
- Headphones: AY3816
- USB cable: AY3930
- Quick start guide

Software
- Device manager: to restore and upgrade
- Media Converter for Philips: Converts following formats to player : AVI(Microsoft video1 format), MPEG-1,2,4, DVD(*.vob),MOV,WMV,RM etc. Needs Quicktime (for MOV) and WMP10 or above (for WMV) installations.

Green Specifications
- Lead-free soldered product

System Requirements
- CD-ROM drive
- PC OS: Windows 2000 / XP / Vista
- Internet connection: Yes (for access to updated support documents, manuals, future firmware and PC software upgrades)
- USB: Free USB port

Power
- Battery Type: LI-Polymer
- Playtime on internal battery: Up to 20 hours audio or 4 hours video
- Rechargeable: Yes, via USB

Dimensions
- Blister dimensions (WxDxH): 37.5 x 135 x 213 mm
- Packaging type: Clamshell
- Product weight: 0.049 kg
- Product dimensions (WxDxH): 80 x 10.4 x 45

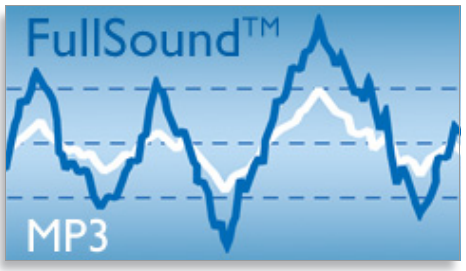
Tuner/Reception/Transmission
- Station presets: 20
- Tuner bands: FM

Video Playback
- SMV: 850 kbps, 220 x 176, 24 fps

Audio Capturing
- Audio file format: WAV
- Built-in microphone: mono
- Voice recording: ADPCM

Highlights

FullSound™



Philips' innovative FullSound technology faithfully restores sonic details to compressed MP3 music, dramatically enriching and enhancing it, so you can experience CD music without any distortion. Based on an audio post-processing algorithm, FullSound combines Philips' renowned expertise in music reproduction with the power of the latest generation Digital Signal Processor (DSP). The result is fuller bass with more depth and impact, boosted voice and instrument clarity, and rich detail. Rediscover your compressed MP3 music in true-to-life sound that will touch your soul and move your feet.

Issue date 2009-03-11

Version: 3.0.5

12 NC: 8670 000 40833
UPC: 6 09585 15697 5

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* 1GB = 1 billion bytes; available storage capacity will be less.
* Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. Battery life and number of charge cycles vary by use and settings.
* Storage capacity based on 4 minutes per song and 64 kbps WMA or 128 kbps MP3 encoding.
* Actual transfer speed may vary based on your operating system and software configuration.
* Optional versions with or without radio are available